



## Antithamnionella spirographidis

Red algae, a rhodophyta

### Threat scores

1. Ecological impact
  - A very rapid vegetative reproduction accounts for its success
  - May cause fouling in marinas
2. Invasive potential
  - A fouling organism requiring assisted transport to expand alien range
  - Although ephemeral, this species spreads by fragmentation and the rapid production of new thalli
3. Geographic extent
  - Locally patchy
4. Management difficulty
  - Cleaning hulls prevents spread, but once established in marine environment
  - No known eradication controls



### Geography and Habitat

1. Origin: North Pacific
2. Introduced: Alaska
3. Habitats
  - Marine, estuaries/bays, fouling communities

### Invasion Pathways

1. Stocking in open waters - oyster farming
2. Hull/Surface fouling

### Non native locations

1. 55- N. American Pacific Fjordland

### Sources

1. Molnar, Jennifer, et al. 2008. "Assessing the global threat of invasive species to marine biodiversity." *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
2. <http://conserveonline.org/workspaces/global.invasive.assessment>
3. [http://www.algaebase.org/search/species/detail/?species\\_id=449](http://www.algaebase.org/search/species/detail/?species_id=449)
4. <http://www.marinespecies.org/aphia.php?p=taxdetails&id=144521>